

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/809,827

DATE: 03/30/2001

TIME: 15:00:36

Input Set : A:\420d6.app.txt

Output Set: N:\CRF3\03302001\I809827.raw

ENTERED

```

4 <110> APPLICANT: Anderson, Christen M.
5     Davis, Robert E.
6     Clevenger, William
7     Wiley, Sandra Eileen
8     Willer, Scott W.
9     Szabo, Tomas R.
10    Ghosh, Soumitra S.
11    Moos, Walter H.
12    Pei, Yazhong
14 <120> TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT),
15    NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
17 <130> FILE REFERENCE: 660088.420D6
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/809,827
20 <141> CURRENT FILING DATE: 2001-03-16
22 <160> NUMBER OF SEQ ID NOS: 37
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 894
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapien
31 <400> SEQUENCE: 1
32  atgggtgatc acgcttggag cttcctaaag gacttcctgg ccggggcggt cgccgctgcc      60
33  gtctccaaga ccgcgggtgc ccccatcgag aggggtcaaac tgctgctgca ggtccagcat      120
34  gccagcaaac agatcagtg ctagaagcag tacaaggga tcattgattg tgtggtgaga      180
35  atccctaagg agcagggctt cctctccttc tggaggggta acctggccaa cgtgatccgt      240
36  tacttcccca cccaagctct caacttcgcc ttcaaggaca agtacaagca gctcttctta      300
37  ggggggtgtg atcggcataa gcagttctgg cgctactttg ctggtaacct ggcgtccggt      360
38  ggggccgctg gggccacctc cctttgcttt gtctaccgcg tggactttgc taggaccagg      420
39  ttggctgctg atgtgggcag gcgcgccag cgtgagttcc atggtctggg cgactgtatc      480
40  atcaagatct tcaagtctga tggcctgagg gggctctacc agggtttcaa cgtctctgtc      540
41  caaggcatca ttatctatag agctgcctac ttcgagtgct atgatactgc caaggggatg      600
42  ctgcctgacc ccaagaacgt gcacattttt gtgagctgga tgattgcca gagtgtgacg      660
43  gcagtcgcag ggctgctgtc ctaccctttt gacactgttc gtcgtagaat gatgatgcag      720
44  tccggccgga aaggggccga tattatgtac acggggacag ttgactgctg gaggaagatt      780
45  gcaaaagacg aaggagccaa ggccttcttc aaaggtgcct ggtccaatgt gctgagaggc      840
46  atgggcggtg cttttgtatt ggtgttgtat gatgagatca aaaaatatgt ctaa      894
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 897
50 <212> TYPE: DNA
51 <213> ORGANISM: Homo sapien
53 <400> SEQUENCE: 2
54  atgacagatg ccgcatgtgc cttcgccaag gacttcctgg caggtggagt ggccgcagcc      60
55  atctccaaga cggcggtagc gcccatcgag cgggtcaagc tgctgctgca ggtgcagcat      120
56  gccagcaagc agatcactgc agataagcaa tacaaggga ttatagactg cgtgggtccgt      180
57  attcccaagg agcaggaagt tctgtccttc tggcgcggtg acctggccaa tgtcatcaga      240
58  tacttcccca cccaggtctt taacttcgcc ttcaaagata aatacaagca gatcttcttg      300
59  ggtggtgtgg acaagagaac ccagttttgg cgctactttg cagggaatct ggcacgggt      360

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60 ggtgccgcag gggccacatc cctgtgtttt gtgtaccctc ttgattttgc ccgtaccctg 420
61 ctagcagctg atgtgggtaa agctggagct gaaagggaat tccgaggcct cggtgactgc 480
62 ctggttaaga tctacaaatc tgatgggatt aagggcctgt accaaggcct taacgtgtct 540
63 gtgcagggta ttatcatcta ccgagccgcc tacttcggta tctatgacac tgcaaaggga 600
64 atgcttccgg atcccaagaa cactcacatc gtcacagct ggatgatcgc acagactgtc 660
65 actgctgttg ccgggttgac ttcttatcca ttgacaccg ttccgccgcg catgatgatg 720
66 cagtcagggc gcaaaggaa tgacatcatg tacacaggca cgcttgactg ctggcggaag 780
67 attgctcgtg atgaaggagg caaagctttt ttcaagggtg catgggtccaa tgttctcaga 840
68 ggcattgggt gtgcttttgt gcttgtcttg tatgatgaaa tcaagaagta cacataa 897

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70 <210> SEQ ID NO: 3

71 <211> LENGTH: 897

72 <212> TYPE: DNA

73 <213> ORGANISM: Homo sapien

75 <400> SEQUENCE: 3

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76 atgacggaac aggccatctc cttcgccaaa gacttcttgg ccggaggcat cgccgccgcc 60
77 atctccaaga cggccgtggc tccgatcgag cgggtcgaag tgctgctgca ggtccagcac 120
78 gccagcaagc agatcgccgc cgacaagcag tacaagggca tcgtggactg cattgtccgc 180
79 atccccaagg agcaggcggt gctgtccttc tggaggggca accttgccaa cgtcatctgc 240
80 tacttcccca ctcaagccct caacttcgcc ttcaaggata agtacaagca gatcttcctg 300
81 gggggcggtg acaagcacac gcagttctgg aggtactttg cgggcaacct ggctccggc 360
82 ggtgcggccg gcgcgacctc cctctgcttc gtgtaccgcg tggattttgc cagaaccgcg 420
83 ctggcagcgg acgtgggaaa gtcaggcaca ggcgcgagt tccgaggcct gggagactgc 480
84 ctggtgaaga tcaccaagtc cgacggcatc cggggcctgt accaggcctt cagtgtctcc 540
85 gtgcagggca tcatcatcta ccgggcggcc tacttcggcg tgtacgatac ggccaagggc 600
86 atgctccccg accccaagaa caccacatc gtggtgagct ggatgatcgc gcagaccgtg 660
87 acggccgtgg ccggcggtgt gtcctacccc ttcgacacgg tgcggcgggc catgatgatg 720
88 cagtcggggc gcaaaggagc tgacatcatg tacacgggca ccgtcgactg ttggaggaag 780
89 atcttcagag atgagggggg caaggccttc ttcaagggtg cgtgggtccaa cgtcctgcgg 840
90 ggcattgggg gcgccttcgt gctggtcctg tacgacgagc tcaagaaggc gatctaa 897

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92 <210> SEQ ID NO: 4

93 <211> LENGTH: 43

94 <212> TYPE: DNA

95 <213> ORGANISM: Artificial Sequence

97 <220> FEATURE:

98 <223> OTHER INFORMATION: PCR Primer

100 <400> SEQUENCE: 4

101 ttatatctcg agtatgggtg atcacgcttg gagcttcccta aag 43

103 <210> SEQ ID NO: 5

104 <211> LENGTH: 43

105 <212> TYPE: DNA

106 <213> ORGANISM: Artificial Sequence

108 <220> FEATURE:

109 <223> OTHER INFORMATION: PCR Primer

111 <400> SEQUENCE: 5

112 tatataggta ccttagacat attttttgat ctcatcatac aac 43

114 <210> SEQ ID NO: 6

115 <211> LENGTH: 43

116 <212> TYPE: DNA

117 <213> ORGANISM: Artificial Sequence

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119 <220> FEATURE:
120 <223> OTHER INFORMATION: PCR Primer
122 <400> SEQUENCE: 6
123   ttatatctcg agtatgacag atgccgctgt gtccttcgcc aag          43
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 43
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: PCR Primer
133 <400> SEQUENCE: 7
134   tatataggtta ccttatgtgt acttcttgat ttcatacatc aag          43
136 <210> SEQ ID NO: 8
137 <211> LENGTH: 43
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: PCR Primer
144 <400> SEQUENCE: 8
145   ttatatctcg agtatgacgg aacaggccat ctccttcgcc aaa          43
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 44
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: PCR Primer
155 <400> SEQUENCE: 9
156   tatataggtta ccttagagtc accttcttga gctcgtcgta cagg          44
158 <210> SEQ ID NO: 10
159 <211> LENGTH: 21
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Sequence primer
166 <400> SEQUENCE: 10
167   tatgccatag catttttatc c          21
169 <210> SEQ ID NO: 11
170 <211> LENGTH: 18
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Sequence primer
177 <400> SEQUENCE: 11
178   cgccaaaaca gccaagct          18
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 45
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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186 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
188 <400> SEQUENCE: 12
189 ggagatggcc tgttccgtca tcttatcgtc atcgtcgtac agatc      45
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 45
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
199 <400> SEQUENCE: 13
200 gatctgtacg acgatgacga taagatgacg gaacaggcca tctcc      45
202 <210> SEQ ID NO: 14
203 <211> LENGTH: 35
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: PCR primer
210 <400> SEQUENCE: 14
211 cccggggaat tctgatgacg gaacaggcca tctcc      35
213 <210> SEQ ID NO: 15
214 <211> LENGTH: 34
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: PCR primer
221 <400> SEQUENCE: 15
222 cccgggctcg agttagagtc accttcttga gctc      34
224 <210> SEQ ID NO: 16
225 <211> LENGTH: 41
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: PCR primer
232 <400> SEQUENCE: 16
233 ttataggatc catgacggaa caggccatct ccttcgccaa a      41
235 <210> SEQ ID NO: 17
236 <211> LENGTH: 41
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: PCR primer
243 <400> SEQUENCE: 17
244 ttaaagaatt cttagatcac cttcttgagc tcgtcgtaca g      41
246 <210> SEQ ID NO: 18
247 <211> LENGTH: 18
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Sequencing primer

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254 <400> SEQUENCE: 18
255 aaatgataac catctcgc 18
257 <210> SEQ ID NO: 19
258 <211> LENGTH: 18
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Sequencing primer
265 <400> SEQUENCE: 19
266 acttcaagga gaatttcc 18
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 18
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Sequencing primer
276 <400> SEQUENCE: 20
277 acttcgcctt cacggata 18
279 <210> SEQ ID NO: 21
280 <211> LENGTH: 18
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Sequencing primer
287 <400> SEQUENCE: 21
288 tacggccaag ggcattct 18
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 18
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Sequencing primer
298 <400> SEQUENCE: 22
299 tgaagcggaa gttcctat 18
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 18
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Sequencing primer
309 <400> SEQUENCE: 23
310 atgccggttc ccgtacga 18
312 <210> SEQ ID NO: 24
313 <211> LENGTH: 31
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
320 <400> SEQUENCE: 24

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VERIFICATION SUMMARY

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Input Set : A:\420d6.app.txt

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L:19 M:270 C: Current Application Number differs, Wrong Format